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PLANTS OF MANHATTAN AND BLUE RAPIDS, KANSAS, WITH DATES OF FLOWERING.—III.

BY O. A. STEVENS.

Verbenaceae. Vervain Family.

Verbena urticaefolia L. White Vervain.

Along woods and roadsides. Common. June 30. A hybrid of this species with *V. stricta* also collected.

Verbena hastata L. Blue Vervain.

Along creeks and ditches. Occasional.

Verbena stricta Vent. Hoary Vervain.

Hillsides. Common. June 20 (18).

Verbena bracteosa Michx. Large-bracted Vervain.

Dry soil along roadsides, yards and hillsides. Common. May 25 (25).

Verbena bipinnatifida Nutt. Small-flowered Verbena.

Manhattan. Occasional in dry soil. May 5.

Lippia lanceolata Michx. Fog-fruit.

Low places, river banks, etc. July 10 (10).

Labiatae. Mint Family.

Teucrium canadense L. Germander. Wood Sage.

Hillsides and woods. Common. June 20 (21).

Isanthus brachiatus (L.) B. S. P. False Pennyroyal.

Hillsides. Frequent. Aug. 5.

Scutellaria lateriflora L. Mad-dog Skullcap.

River and creek banks. Occasional. Aug. 10.

Scutellaria parvula Michx. Small Skullcap.

Hillsides. Common. May 20.

Scutellaria campestris Britton. Prairie Skullcap.

Manhattan. In dry soil. May 10.

Marrubium vulgare L. Hoarhound.

Roadsides. Common. May 30 (29).

Agastache nepetoides (L.) Kuntze. Giant Hyssop.
Along woods. Frequent. Aug 5.
Nepeta Cataria L. Catnip.
Roadsides. Common. June 15 (17).
Prunella vulgaris L. Self Heal.
Low grounds. Common. July 25 (24).
Leonurus Cardiaca L. Motherwort.
Manhattan, in woods, June 15.
Stachys tenuifolia Willd. Hedge Nettle.
Woods. Common. July 25.
Stachys palustris L.
Collected near Cleburne, Kans., (halfway between Manhattan and Blue Rapids).
Salvia Pitcheri Torr. Prairie Sage.
Prairies and roadsides. Common. July 20 (21).
Salvia lanceolata Willd. Lance-leaved Sage.
Dry fields and roadsides. Common. June 5 (6).
Monarda fistulosa L. Wild Bergamot.
Hillsides. Common. June 30 (30).
Hedeoma pulegioides (L.) Pers. American Pennyroyal.
Blue Rapids. One station known along edge of woods. Aug. 5.
Hedeoma hispida Pursh. Rough Pennyroyal.
Dry roadsides and hillsides. Common. May 20 (20).
Koellia flexuosa (Walt.) Mac M. Mountain Mint.
Manhattan. Occasional. June 25.
Lycopus virginicus L. Bugle Weed.
River bank. Occasional.
Lycopus americanus Muhl. Water Hoarhound.
Around springs and along water courses of ravines. Common July 20 (18).
Lycopus lucidus Turcz.
Once collected along creek eight miles northwest of Blue Rapids.
Mentha canadensis L. Wild Mint.
River banks and wet places. Common. July 5 (4).

Solanaceae. Nightshade Family.

Physalis missouriensis Mack. & Bush.
Edges of woods. Frequent. This and the next three species are Ground Cherries

Physalis longifolia Nutt.
Fields, etc. Common. May 30 (31).

Physalis virginiana Mill.
Hillsides. Common. May 30.

Physalis heterophylla Nees.
Fields. Common. May 30. (June 1).

Solanum nigrum L. Black or Garden Nightshade.
Fields. Common. June 25 (25).

Solanum carolinense L. Horse Nettle.
Fields and hillsides. Common. June 10 (11).

Solanum rostratum Dunal. Buffalo Bur. Bull Nettle.
Hillsides and waste places; especially around barnyards. Common. June 5 (6).

Datura Stramonium L. Jamestown or Jimson Weed.
Roadsides, etc. Common. June 10 (8).

Datura Tatula L. Purple Jimson Weed.
Manhattan. Frequent. June 5.

Scrophulariaceae. Figwort Family

Verbascum Thapsus L. Common Mullein.
Hillsides. Frequent. June 20.

Verbascum Blattaria L. Moth Mullein.
Manhattan. One station known. June 5

Scrophularia marylandica L. Figwort.
Woods. Common. July 5.

Scrophularia leporella Bicknell.
Roadsides. Occasional. May 15 (16).

Penstemon tubiflorus Nutt.
Manhattan. Once collected.

Penstemon Cobaea Nutt. Beardtongue.
Hillsides. Common. May 30 (29).

Pentstemon grandiflorus Nutt.
Sandy soil. Occasional. May 20.

Mimulus ringens L. Monkey Flower.
Riverbanks. Common. Aug. 10.

Mimulus Jamesii T. & G.
Manhattan. Occasional in wet places. May 30.

Conobea multifida (Michx.) Benth.
Riverbanks and low fields. Common. Aug. 10.

Monniera rotundifolia Michx.
Manhattan. Once collected along old river channel.
Gratiola virginiana L.
Blue Rapids. Once collected along river bank.
Ilysanthes dubia (L.) Barnhart. False Pimpernel.
Riverbanks and low fields. Common. July 10.
Veronica peregrina L. Speedwell.
Riverbanks and fields. Common. Apr. 25 (25).
Veronica arvensis L. Corn Speedwell.
Manhattan. In lawn on college campus. Apr. 25 (26).
Gerardia aspera Dougl. Rough Gerardia.
Prairies. Common. Aug. 25.
Gerardia tenuifolia Vahl. Slender Gerardia.
Riverbanks. Occasional
Gerardia Besseyana Britton. Bessey's Gerardia.
Manhattan, in low meadow. Aug. 30.
Gerardia densiflora Benth. Cut-leaved Gerardia.
Prairies. Common. Aug. 30.

Martyniaceae. Unicorn Plant Family.

Martynia louisiana Mill. Unicorn Plant.
Manhattan. Once collected.

Acanthaceae. Acanthus Family.

Ruellia strepens L. Smooth Ruellia.
Woods. Frequent. June 5.
Ruellia ciliosa Pursh. Hairy Ruellia.
Dry ground, commonly under scattering trees. Common June 20 (18).
Dianthera americana L. Water Willow.
Manhattan, edge of creek.

Phrymaceae. Lopseed Family.

Phryma Leptostachya L. Lopseed.
Woods and wooded ravines. Common. June 30.

Plantaginaceae. Plantain Family.

Plantago Rugelii Dec. Rugel's Plantain.
Yards and roadsides. Common. June 10 (9).
Plantago lanceolata L. Lance-leaved or English Plantain. Buckhorn.
Grass fields and roadsides. Apr. 25 (26).

Plantago Purshii R. & S. Prairie Plantain.
Prairies and dry soil. Common. May 25 (26).
Plantago aristata Michx. Large-bracted Plantain.
Grass fields. Occasional.
Plantago virginica L. Dwarf Plantain.
Manhattan. Once collected in sandy soil, May 30 (in fruit.)

Rubiaceae. Madder Family.

Houstonia angustifolia Michx.
Rocky hills. Common. June 20 (18).
Cephalanthus occidentalis L. Button Bush.
Riverbanks and ditches; swamps. Frequent. July 25.
Galium Aparine L. Cleavers. Bedstraw.
Woods and thickets. Common. May 5 (5).
Galium circaezans Michx.
Dry woods. Common at Manhattan, occasional at Blue Rapids. May 25.
Galium triflorum Michx. Sweet-scented Bedstraw.
Woods and wooded ravines. Common.
Galium tinctorium L.
Manhattan, in meadow.

Caprifoliaceae. Honeysuckle Family.

Sambucus canadensis L. Elder Berry.
Low ground and fields. Common. June 5 (7).
Triosteum perfoliatum L. Horse Gentian.
Edges of woods. Frequent. May 30 (30).
Symphoricarpos occidentalis Hook. Wolfberry.
Manhattan. One station (Rock Island cut). June 10.
Symphoricarpos Symphoricarpos (L.) MacM. Coral Berry Indian Currant.
Thickets and hillsides. Common. July 20 (21).

Cucurbitaceae. Gourd Family

Cucurfita foetidissima H. B. K. Missouri Gourd.
Manhattan. Occasional in dry soil.
Micrampelis lobata (Michx.) Greene. Wild Balsam Apple.
River banks. Common. Aug. 10 (8).
Sicyos angulatus L. One-seeded Bur Cucumber.
River banks. Common. Aug 5 (4).

Campanulaceae. Bellflower Family

Campanula americana L. Tall Bellflower.
Woods and thickets. Common. July 15 (14).

Specularia perfoliata (L.) A. DC. Venus Looking-glass.
Dry soil. Common. June 5 (3).

Specularia leptocarpa (Nutt.) A. Gray.
Prairies. Occasional.

Lobelia cardinalis L. Cardinal Flower.
River and creek banks. Occasional. Aug 20 (19).

Lobelia syphilitica L. Great Lobelia.
Water courses of ravines. Frequent. Aug. 30 (28).

Cichoriaceae. Chicory Family

Cichorium Intybus L. Chicory.
Occasionally escaped from cultivation. June 30.

Tragopogon porrifolius L. Salsify. Oyster Plant.
Occasionally escaped from cultivation. May 20 (20).

Taraxacum Taraxacum (L.) Karst. Dandelion.
Yards and roadsides. Common chiefly in towns. Apr. 5 (3).

Taraxacum erythrospermum Andrz. Red-seeded Dandelion.
Manhattan. With the last species; common. Mar. 25 (26).

Sonchus asper (L.) All. Spiny Sow Thistle.
Roadsides. Frequent. June 5 (3).

Lactuca scariola integrata Gren. & Godr. Prickly Lettece.
Roadsides. Common. July 5 (4). (*L. virosa* of Britton's Manual.)

Lactuca ludoviciana (Nutt.) DC. Western Lettuce.
Roadsides. Common. July 15. This should perhaps be called *L. campestris* Greene. The flowers are not yellow but are blue or more often something of a pale lilac.

Lactuca canadensis L. Wild Lettuce.
Roadsides and fields. Common. July 20.

Lactuca pulchella (Pursh) DC. Blue Lettuce.
Roadsides. Occasional. June 30.

Lactuca floridana (Lam.) Hitch. Tall Blue Lettuce.
Woods. Common. Aug. 5.

Lygodesmia juncea (Pursh) D. Don. Skeleton Weed.
Manhattan. Occasional along dry roadsides. June 30.

Nothocalais cuspidata (Pursh.) Greene. Prairie Dandelion.
Prairies. Frequent. Apr. 15 (16). This common name is here proposed.

Hieracium longipilum Tarr. Hawkweed.
Prairies and meadows. Occasional. July 25 (25).

Nabalus asper (Michx.) T. & G. White Lettuce.
Prairies and roadsides. Frequent. Aug. 25.

Ambrosiaceae. Ragweed Family.

Iva ciliata Willd. Rough Marsh Elder.
Manhattan, in low ground. Aug. 25.

Iva xanthiifolia (Fresen.) Nutt. False Ragweed. Marsh Elder.
Roadsides (foot of Bluemont). Aug 25.

Ambrosia trifida L. Great Ragweed. Kinghead.
Roadsides and low ground. Common. Aug. 5 (6).

Ambrosia artemisiaefolia L. Ragweed.
Fields and roadsides. Common. Aug. 5.

Ambrosia psilostachya DC. Perennial Ragweed.
Hillsides and prairies. Common. Aug. 5.

Xanthium commune Britton. Cockle Bur.
Fields and river banks. Common. Aug. 20. *X. canadense* of Hitchcocks's list.

Compositae. Thistle Family

Vernonia Baldwinii Torr. Ironweed.
Meadows and roadsides. Common. July 15 (17).

Vernonia fasciculata Michx.
Manhattan. Moist meadows and roadsides.

Eupatorium altissimum L. Tall Thoroughwort.
Hillsides. Common. Aug. 10.

Eupatorium perfoliatum L. Boneset.
Manhattan. Occasional in wet places. Aug. 10.

Eupatorium ageratoides L. f. White Snakeroot.
Woods. Common. Aug 15.

Kuhnia eupatorioides L. False Boneset.
Prairies and roadsides. Common. Aug. 10 (11).

Lacinaria punctata (Hook). Kuntze.
Prairies and hillsides. Common. Aug. 5.

Lacinaria pycnostachya (Michx.) Kuntze.
Manhattan. Occasional in meadows. July 30.

Lacinaria scariosa (L.) Hill.

Prairies and hillsides. Common. Aug. 16.

Grindelia squarrosa (Pursh) Dunal. Gum Weed.

Prairies and roadsides. Common. Aug. 5 (6). Scattering heads appear sometime before principal flowering period.

Heterotheca subaxillaris (Lam.) Britt. & Rusby.

Manhattan. Once collected along railroad-track.

Solidago petiolaris Ait. Goldenrod.

Hillsides. Common. Aug. 30 (Sept. 1). (*S. Lindheimeriana* of Hitchcock's list).

Solidago rigidiuscula (T. & G.) Porter.

Prairies. Frequent. Aug. 10.

Solidago serotina Ait. Tall Smooth Goldenrod.

Low places; along woods, thickets, etc. Common. Aug. 5. This common name is here proposed to replace the inappropriate "Late Goldenrod" of the manual.

Solidago missouriensis Nutt.

Prairies and roadsides. Common. July 25 (27).

Solidago canadensis L. Canada Goldenrod.

Prairies, roadsides, etc. Common. Aug. 10.

Solidago nemoralis Ait. Gray Goldenrod.

Dry hillsides and prairies. Common.

Solidago rigida L. Stiff Goldenrod.

Prairies, hillsides, roadsides. Common. Aug. 10 (11).

Euthamia graminifolia (L.) Nutt. Fragrant Goldenrod.

Manhattan. Frequent along ditches, etc. Aug. 30.

Boltonia asteroides (L.) L'Her. Boltonia.

Manhattan. Roadside ditches.

Aster azureus Lindl. Sky-blue Aster.

Manhattan. Prairies.

Aster Drummondii Lindl. Drummond's Aster.

Woods, also hillsides. Common. Aug. 20 (21).

Aster oblongifolius Nutt. Aromatic Aster.

Prairies and hillsides. Common. Aug. 5.

Aster laevis L. Smooth Aster.

Manhattan. Prairies.

Aster sericeus Vent. Silky Aster.

Prairies and hillsides. Common. Aug. 30.

Aster paniculatus Lam. Tall White Aster.

Low roadsides. Common. Sept. 5.

Aster missouriensis Britton. Missouri Aster.
Manhattan. Once collected along old river channel.
Aster multiflorus Ait. Dense-flowered Aster.
Prairies and dry roadsides. Common. Sept 5 (6).
Erigeron philadelphicus L. Common Fleabane.
Manhattan. Low ground. Occasional. May 20.
Erigeron ramosus (Walt.) B. S. P. Daisy Fleabane.
Meadows and roadsides. Common. May 25.
Leptilon canadense (L.) Britton. Horseweed.
Fields and roadsides. Common. July 25 (26).
Leptilon divaricatum (Michx.) Raf. Low Horseweed.
Dry hillsides and ravines. Frequent. June 25.
Antennaria campestris Rydb. Prairie Cat's-foot or Everlasting.
Prairies. Common. Apr. 5 (6).
Antennaria plantaginifolia (L.) Richards. Plantain-leaved Everlasting.
Manhattan. Meadows and ravines. Occasional. Apr. 30 (28.)
Gnaphalium obtusifolium L. Fragrant Everlasting.
Manhattan. Occasional.
Silphium perfoliatum L. Cup Plant.
Low roadsides. Occasional. June 30.
Silphium integrifolium. Michx. Entire-leaved Rosin Weed.
Roadsides. Common. June 30 (July 1).
Silphium laciniatum L. Compass Plant. Rosin Weed.
Praries and roadsides. Common. June 30 (30).
Heliopsis scabra Dunal. Ox-eye. False Sunflower.
Roadsides. Common. July 15.
Eclipta alba (L.) Hassk.
Riverbanks and low fields. Common. July 30.
Rudbeckia hirta L. Black-eyed Susan.
Meadows and roadsides. Occasional. June 30 (30).
Rudbeckia laciniata L. Tall Coneflower.
Edges of woods. Common. July 30.
Ratibida pinnata (Vent.) Barnhart. Gray-headed Coneflower.
Blue Rapids. Occasional along roadsides.
Ratibida columnaris (Sims) D. Don. Long-headed Coneflower.
Dry roadsides and prairies. Occasional. June 20 (18).
Brauneria pallida (Nutt.) Britton. Purple Coneflower.
Prairies and hillsides. Common. June 10 (11).

Helianthus annuus L. Common Sunflower.
Fields and roadsides. Common. July 5 (4).

Helianthus petiolaris Nutt. Prairie Sunflower.
Manhattan, in sandy soil. July 20.

Helianthus scaberrimus Ell. Stiff Sunflower.
Hillsides. Common. July 5.

Helianthus Maximiliani Schrad.
Hillsides. Frequent. Aug 30.

Helianthus grosseserratus Martens. Saw-toothed Sunflower.
Roadsides. Common. July 5.

Helianthus hirsutus Raf. Stiff-haired Sunflower.
Dry woods of ravines. Frequent. July 20.

Helianthus tuberosus L. Jerusalem Artichoke.
Fields and roadsides. Common. Aug. 20. (18).

Verbesina alternifolia (L.) Britton. Crownbeard.
Along woods. Common. Aug. 5.

Coreopsis tinctoria Nutt. Tickseed.
Blue Rapids. Once collected on river bank.

Bidens cernua L. Nodding Bur Marigold.
Wet places. Common at least at Manhattan. Aug. 25.

Bidens comosa (A. Gray) Wiegand.
Riverbanks. Common.

Bidens frondosa L. Black Beggar-ticks.
Riverbanks. Common. Aug. 5.

Bidens vulgata Greene. Tall Beggar-ticks.
Riverbanks and fields. Common. Aug. 5.

Bidens involucrata (Nutt.) Britton.
Riverbanks. Occasional.

Hymenopappus corymbosus T. & G.
Manhattan. Common on hillsides. May 15.

Boebera papposa (Vent.) Rydb. Fetid Marigold. False Dog Fennel.
Dry roadsides and waste places. Common. May 30 (June 2).

Achillea Millefolium L. Milfoil. Yarrow.
Prairies. Common. May 20. (22).

Anthemis Cotula L. May-weed. Dog Fennel.
Roadsides. Occasional. June 10 (10).

Chrysanthemum Leucanthemum L. Ox-eye Daisy.
Manhattan, Meadows. Occasional. May 30.

Artemisia dracunculoides Pursh. Narrow-leaved Wormwood.
Roadsides. Occasional. Aug. 20.
Artemisia biennis Willd.
Riverbanks. Occasional. Sept. 10.
Artemisia gnaphalodes Nutt. Prairie Cud-weed.
Prairies. Common. Aug. 30.
Erechtites hieracifolia (L.) Raf. Fireweed.
Manhattan. Wet wooded banks.
Mesadenia atriplicifolia (L.) Pale Indian Plantain.
Woods. Frequent.
Mesadenia tuberosa (Nutt.) Britton. Indian Plantain.
Prairies. Common. June 15 (17).
Senecio Balsamitae Muhl. Groundsel.
Prairies. Common. May 5 (4).
Arctium minus Schk. Burdock.
Roadsides or around barnyards. Frequent. July 20.
Carduus lanceolatus L. Common or Bull Thistle.
Roadsides and waste places. Occasional. July 30.
Carduus altissimus L. Tall Thistle.
Roadsides, fields and thickets. Common. Aug. 15.
Carduus undulatus Nutt. Prairie Thistle.
Prairies and hillsides. Common. June 25 (26).
Centaurea Cyanus L. Corn-Flower.
Occasionally escaped from cultivation.
Centaurea nigra L. Black Knapweed.
Once collected in alfalfa field at Blue Rapids.

Of the species in the present list the following are additional to those listed by Hitchcock for the three counties, those new to the State being marked with an asterisk.

Marsilea vestita
Sagittaria ambigua
Sorghum Halpense.
Muhlenbergia sobolifera
**Bromus inermis*
**Bromus tectorum*
**Bromus racemosus.*
**Bromus arvensis*
Agropyron repens
Rumex obtusifolius
Polygonum longistylum

Polygonum Hydropiper.
Allionia hirsuta
Cerastium vulgatum
Oxygraphis Cymbalaria
**Sisymbrium altissimum*
**Eruca sativa*
**Camelina microcarpa*
**Conringia orientalis*
Ailanthus glandulosus
**Viola emarginata*
**Cicuta occidentalis*
Daucus Carota
**Cuscuta Gronovii*
**Stachys palustris*
Hedeoma pulegioides
Lycopus lucidus
**Gratiola virginiana*
Veronica arvensis
Symphoricarpos occidentalis
**Taraxacum erythrospermum*
Lactuca pulchella
Heterotheca subaxillaris
Aster missouriensis
**Bidens acuta*
**Bidens vulgata*
**Centaurea nigra.*

To make the present catalogue more nearly complete the following list is given of additional species recorded by Hitchcock (see note at end of introduction). Those marked (P) were reported from Pottowatomie County only, those marked (M) from Marhsall County only; the rest from Riley or also from one of the other counties. Mr. Robert Schmidt has kindly checked over the herbarium specimens of some of the species which seemed less likely to be found, and the locality data is given in the following list for these species.

Woodsia obtusa (Spreng.) Torr.
Dryopteris Thelypteris (L) A. Gray. (P).
Notholaena dealbata (Pursh). Kunze.
Potamogeton pectinatus L.
Potamogeton obtusifolius Mert. & Koch.

Echinodorus cordifolius (L.) Griseb.
Lophotocarpus calycinus (Engelm.) J. G. Smith.
Syntherisma filiformis (L.) Nash. (P).
Panicum clandestinum L. (P).
Panicum Wilcoxianum Vasey.
Panicum depauperatum Muhl.
Aristida purpurascens Poir.
Aristida oligantha minor Vasey.
Aristida purpurea Nutt.
Sielingia purpurea (L.) Kuntze.
Distchlis spicata (L.) Greene.
Poa annua L. (P).
Festuca Shortii Kunth.
Bromus hordeaceus L.
Cyperus acuminatus Torr. & Hook.
Cyperus esculentus L.
Cyperus strigosus compositus Britton.
Cyperus strigosus gracilis Britton.
Cyperus Houghtoni Torr. (P).
Eleocharis ovata (Roth.) R. & S. (P).
Eleocharis palustris glaucescens (Willd.) A. Gray.
Stenophyllus capillaris (L.) Britton.
Fimbristylis castanea (Michx.) Vahl.
Fimbristylis autumnalis (L.) R. & S. (P).
Hemicarpa micrantha (Vahl.) Pax. (P).
Carex Meadii Dewey.
Carex stenophylla Vahl.
Carex stipata Muhl.
Carex Muhlenbergii xalapensis (Kunth) Britton.
Carex interior Bailey.
Carex Bicknellii Britton.
Arisaema triphyllum (L.) Torr.
Acorus Calamus L.
Tradescantia pilosa Lehm.
Heteranthera dubia (Jacq.) MacM.
Juncus marginatus Rostk. (P).
Juncus acuminatus Michx. (P).
Allium stellatum Ker.
Ornithogalum umbellatum L.
Vagnera racemosa (L.) Morong.—Manhattan.

Smilax Pseudo-china L.
Belphariglottis leucophaea (Nutt.) Rydb.
Gryostachys praecox (Walt.) Kuntze.
Hicoria ovata (Mill.) Britton.—Manhattan
Salix nigra Marsh.
Salix humilis Marsh. (P)—St. George.
Salix missouriensis Bebb.
Corylus americana Walt. (P, M)—Onaga.
Quercus rubra L.
Commandra umbellata (L.) Nutt. (P).
Erigonum annum Nutt. —Manhattan.
Polygonum hydropiperoides macounii Small.
Polygonum orientale L.—Riley Co.
Polygonum erectum L.
Chenopodium leptophyllum subglabrum S. Wats.
Amaranthus spinosus L. (P).—Wamego.
Cladothrix languinosa Nutt.—Riley Co. (south of Poor Farm).
Froelichia floridana Moq.
Allionia linearis Pursh.
Portulaca pilosa L.
Silene vulgaris (Moench) Garcke.
Arenaria serpyllifolia L.
Isopyrum biternatum (Raf.) T. & G.
Delphinum Consolida L.
Anemone decapetala Ard.
Ranunculus delphinifolius Torr.
Ranunculus acris L.
Batrachium divaricatum (Schrank) Wimm.
Podophyllum peltatum L. (P).—St. George.
Lepidium campestre (L.) R. Br.
Brassica campestris L.
Rhaphanus sativus L.
Barbarea Barbarea (L). MacM.
Camelina sativa (L.) Crantz.
Erysimum asperum DC.—Manhattan.
Cleome serrulata Pursh.
Koniga maritima (L.) R. Br.
Rubus canadensis L.
Rubus roribaccus (Bailey) Rydb.
Drymocallis arguta (Pursh) Rydb. (M).

Potentilla canadensis L. (P).
Rosa setigera Michx.
Rosa canina L.
Rosa rubiginosa L.
Prunus Watsoni Sargent.
Prunus serotina Ehrh.
Trifolium hybridum L.
Psoralea tenuiflora Pursh.
Cracca virginiana L.
Aragallus Lambertii (Pursh). Greene.—Seventeen miles west of Manhattan.
Meibomia sessilifolia (Torr.) Kuntze.
Meibomia longifolia (T. & G.) Vail.
Meibomia bracteosa (Michx.) Kuntze.
Meibomia Dillenii (Darl.) Kuntze.
Lespedeza repens (L.) Bart.
Vicia Cracca L.
Polygola incarnata L. (P).—St. George.
Croton texensis (Klotzsch) Muell. Arg.
Euphorbia Cyparissias L.
Callitriche heterophylla Pursh.
Sapindus Drummondii H. & A.—Manhattan.
Impatiens biflora Walt. (P).
Ceanothus ovatus pubescens T. & G.
Vitis cordifolia Michx.
Ampelopsis cordata Michx.
Parthenocissus quinquefolia laciniata. Planch. (P).
Malvastrum coccineum (Pursh.) A. Gray.
Hypericum maculatum Walt.
Hypericum mutilum L.
Bergia texana (Hook). Seub. (P)—Pottawatomie Co
Helianthemum majus (L.) B. S. P.
Lechea tenuifolia Michx. (P).—St. George.
Viola palmata L.
Ammania auriculata Willd.
Epilobium coloratum Muhl.
Meriolix serrulata spinulosa (T. & G.) Small.
Myriophyllum pinnatum (Walt.) B. S. P.
Eryngium aquaticum L. (P.)
Zizia aurea (L.) Koch.

Berula erecta (Huds.) Coville. (P)—Pottwatomie Co.
Fraxinus pennsylvanica Marsh.
Asclepias pumila (A. Gray) Vail.
Acerates languinosa (Nutt.) Dec.
Evolvulus pilosus Nutt.
Qamoclit coccinea (L.) Moench.
Ipomea pandurata (L.) Meyer. (P).—Cedar Creek.
Hydrophyllum virginianum L. (P).—Eight miles N. E. of college.
Myosotis virginica (L) B. S. P. (P).—St. George.
Verbena canadensis (L.) Britton.
Lippia cuneifolia (Torr.) Steud.
Glechoma hederacea L.
Physostegia virginiana (L.) Benth. (P.)—Rocky Ford.
Koellia flexuosa (Walt.) McM.
Physalis pumila Nutt.
Solanum triflorum Nutt.
Lycium vulgare (Ait. f.) Dunal.
Linaria Linaria (L.) Karst.
Mimulus alatus Soland. (P).
Veronica Anagallis—aquatica L.
Afzelia macrophylla (Nutt.) Kuntze. (P.)—Alma (Wabunsee Co.).
Castilleja sessiliflora Pursh.
Utricularia vulgaris L.
Thalesia uniflora (L.) Britton.
Galium pilosum Ait.—St. George.
Galium concinnum Torr. & Gray.
Serinia oppositifolia (Raf.) Kuntze.
Sitilias grandiflora (Nutt.) Greene.
Xanthium strumarium L.
Eupatorium maculatum L. (P).
Amphiachyris dracunculoides (Nutt.) D. C.
Prionopsis ciliata Nutt.—Osage Co.
Aster salicifolius Lam.
Aster vimineus foliosus (Ait.) A. Gray.
Erigeron annuus (L.) Pers.
Helianthus orgyalis DC.
Helianthus mollis Lam. (P).—St. George.
Verbesina enceloides (Cav.) A. Gray.—Blue Valley R. R.

Bidens laevis (L.) B. S. P.
Bidens bipinnata L. (P)—Pottawatomie Co.
Gaillardia pulchella Foug.—College campus.
Tanacetum vulgare L. (M.)

OUR WARBLERS.

BY BROTHER ALPHONSUS, C. S. C.

The observations published in this article were all made at Notre Dame, Indiana. It will doubtless be of interest to other ornithologists to note the different habits of the same species in different localities. The following warblers are described in this contribution: Bay-breasted, Black and White, Blackburnian, Blackpoll, Black-throated Blue, Black-throated Green, Canada, Cape May, Chestnut-sided, Connecticut, Golden-winged, Kentucky, Magnolia, Mourning, Myrtle, Nashville, Palm, Yellow Palm, Northern Parula, Pine, Prairie, Sycamore, Tennessee, Wilson, Yellow, Louisiana Water Thrush, Maryland Yellowthroat, Yellow-breasted Chat, Ovenbird, and Redstart.

Black and White Warbler
Mniotilta varia.

In spring the Black and White Warbler is never so common as many of the other warblers. It appears intermittently, and is never abundant. Of course its habit of creeping in the trees, and usually at some distance up, makes it less conspicuous than most of the other warblers. Its note, too, is seldom heard, and this fact does not attract the attention of an observer to the bird.

Golden-Winged Warbler.
Vermivora chrysoptera

I first observed this beautiful warbler in May, 1917. I was first attracted to it by its nasal note, which resembles somewhat that of the Blue Gray Gnatcatcher. In fact, at first I thought it was a gnatcatcher, but on finding the bird high up in an elm tree, I saw I saw at once that it did not act like a gnatcatcher. The bird was too high to be observed satisfactorily, but fortunately it flew into some low trees near by, where I could see its markings plainly. This is the only record I have ever made of the Golden-winged Warbler.